

SUPERFUND RECORDS

Issue

Resolution

Drinking Water Use

An actual count of the target population using the shallow aquifer has not been determined

In the rescored package, the documentation includes rural water district boundaries and personal communication with the residents to provide a house count. According to guidance from MITRE, the documentation enclosed for the actual count of the population exceeds HRS requirements.

Background Levels

Background levels for lead and zinc are based solely on verbal communication with a geologist knowledgeable of the area. An attempt should be made to locate an actual background sample although this may not be possible due to the geology and extent of mining activities in the area.

The geologist cited, Jim Barks, USGS, has done several studies on the mining area and is particularly familiar with the Joplin area.

His opinion of the background levels was considered conservative. We have calculated an average background concentration based on well sample analyses in the area and it is much lower than the figure previously used. We have scheduled a PA with selected sampling and will use this more recent data to further document the background levels in the area.

Surface Water Route

Hazardous Waste Quantity

An adequate waste quantity has not been documented within 3 upstream miles of the Joplin water intake. — Therefore, the population of the city of Joplin cannot be counted as part of the target population.

In the rescored package, we are not documenting an observed release to the surface water. This has been scored using route characteristics.

Issue

Resolution

Air Route

Monitoring

The Region may consider use of stationary source air monitoring to demonstrate an air release threatening the population of Joplin

We have considered this option but do not feel that use of stationary source air monitoring would demonstrate an air release that would be significant

I understand that due to the above issues, this site could not be included on the NPL Update #5. However, I look forward to its inclusion on the 6th Update

Attachments

cc Trudi Fancher, Discovery & Investigation Branch, w/attachments(2) ✓
Steve Chang, MITRE